

SAFETY DATA SHEET

CLEANING SOLUTION

Offerte en français

| GHS | PROTECTIVE CLOTHING | TRANSPORT OF DANGEROUS GOODS |
|---|---|------------------------------|
|  |  | Not regulated |

SECTION I: IDENTIFICATION

Use: Cleaning solution for Duotack equipment.

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SECTION II: HAZARD(S) IDENTIFICATION

DANGER

Combustible liquid. May be fatal if swallowed and enters airways. Harmful if swallowed. May cause respiratory irritation. Causes skin irritation. Causes eye irritation.

Keep away from heat, sparks, open flames and hot surfaces. No smoking. Do not eat or drink when using this product. Do not breath vapours. Use only outdoors or in a well-ventilated area. Wash hands thoroughly after handling. Wear protective gloves, eye protection and an organic vapour respirator. Store in a well-ventilated place. Keep container tightly closed. Keep cool. Store locked up. Dispose of container in accordance with local, regional and national regulations.

SECTION III: COMPOSITION AND INFORMATION ON DANGEROUS INGREDIENTS

| NAME | CAS # | % WEIGHT | EXPOSURE LIMIT (ACGIH) | |
|---|------------|----------|------------------------|---------------|
| | | | TLV-TWA | TLV-STEL |
| 1,2 Benzenedicarboxylic acid, di-C9-11 branched alkylesters, C10-Rich | 68515-49-1 | 60-100 | Not available | Not available |
| Alcohols, C7-9-Iso, C8-Rich | 68526-83-0 | 15-40 | 200 ppm | Not available |

Effects of Short-Term (Acute) Exposure

INHALATION

Vapour and mist can cause irritation of the nose and throat.

SKIN CONTACT

May cause irritation.

EYE CONTACT

May cause irritation.

INGESTION

May cause nausea, vomiting, abdominal pain and weakness, as well as drunkenness, dizziness, stupor, convulsions and coma (symptoms of depression of the CNS).

Effects of Long-Term (Chronic) Exposure

SKIN SENSITIVITY

No information available.

INHALATION:

No information available.

INGESTION:

No information available.

CARCINOGENICITY

This material has not been identified as a carcinogen by NTP, IARC or OSHA.

TERATOGENICITY, EMBRYOTOXICITY, FETOTOXICITY

No information available.

REPRODUCTIVE TOXICITY

No information available.

MUTAGENICITY

No information available.

TOXICOLOGICALLY SYNERGISTIC MATERIALS

No Information available.

POTENTIAL FOR ACCUMULATION

No information available.

SECTION IV: FIRST AID MEASURES

SKIN CONTACT

Wash with plenty of water. If skin irritation occurs, get medical advice. Take off immediately all contaminated clothing and wash it before reuse.

EYE CONTACT

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice.

INHALATION

Remove person to fresh air and keep comfortable for breathing. Call a poison center if you feel unwell.

SWALLOWING

Immediately call a poison center. Do NOT induce vomiting. Rinse mouth.

SECTION V: FIRE FIGHTING MEASURES

FLAMMABILITY: Combustible (Class IIIA NFPA)

FLASH POINT: 76°C (169°F)

AUTO-IGNITION TEMPERATURE: Not available

FLAMMABILITY LIMITS IN AIR: (% en volume) Not available

COMBUSTION PRODUCTS

Irritating and/or toxic gases or fumes such as CO, CO₂, flammable hydrocarbons and incomplete combustion products may be generated by thermal decomposition or combustion of the product.

FIRE FIGHTING INSTRUCTIONS

Evacuate area. Wear self-contained breathing apparatus and appropriate protective clothing in accordance with standards. Approach fire from upwind and fight fire from maximum distance or use unmanned hose holders or monitor nozzles. Always stay away from containers because of the risk of explosion. Stop leak before attempting to put out the fire. If leak cannot be stopped, and if there is no risk to the surrounding area, let the fire burn itself out. Move containers from fire area if this can be done without risk. Cool containers with flooding quantities of water until well after fire is out.

EXTINGUISHING MEDIA

Foam, CO₂ powder, sand, chemical powder.

SECTION VI: ACCIDENTAL RELEASE MEASURES

RELEASE OR SPILL

Wear appropriate protective equipment during cleanup. Shut off source of leak if you can do it without risk. Remove all possible sources of ignition in the surrounding area. Take precautionary measures against static discharges. Monitor area with combustible gas indicator. Contain the spill. Absorb with inert material such as sand or earth. Shovel into containers with lids. Cover and remove to appropriate well-ventilated area until disposal. Wash spill area with soap and water. Prevent entry into waterways, sewers or basements. Dispose of this product according to local environmental regulations.

SECTION VII: HANDLING AND STORAGE

HANDLING

This product is combustible. Avoid contact with eyes, skin and clothing. Do not ingest. Avoid breathing vapours and dusts. Wash thoroughly after handling. Tightly reseal all partially used containers. Use under appropriate conditions of ventilation. Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Material can accumulate static charges which may cause an electrical spark. Do not cut, puncture or weld empty containers.

STORAGE

Store in a cool well-ventilated area out of direct sunlight and away from heat and ignition sources. Store at temperatures between 15°C and 30°C (60°F and 80°F). Keep away from children.

SECTION VIII: EXPOSURE CONTROLS / PERSONAL PROTECTION

HANDS: Wear appropriate gloves (viton, nitrile, PVC, neoprene).

RESPIRATORY: If use is performed in a poorly ventilated confined area, use an approved respirator in accordance with standards.

EYES: Wear chemical safety goggles in accordance with standards.

OTHERS: Eye bath and safety shower.

CONTROL OF VAPOURS: Local exhaust is needed to control vapour levels to below recommended limits.

SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|--------------------------|
| PHYSICAL STATE: | Liquid |
| ODOUR AND APPEARANCE: | Clear with alcohol odour |
| ODOUR THRESHOLD: | Not available |
| VAPOUR DENSITY (air = 1): | Not available |
| EVAPORATION RATE (Butyl acetate = 1): | Not available |
| BOILING POINT (760 mm Hg): | Not available |
| FREEZING POINT: | Not available |
| SPECIFIC GRAVITY (H₂O = 1): | 0.92 g/ml |
| SOLUBILITY IN WATER (20°C): | Negligible |
| PH: | Not available |
| VOLATILE ORGANIC COMPOUND (V.O.C.): | 275 g/L |
| VISCOSITY: | 50 cps |

SECTION X: STABILITY AND REACTIVITY

STABILITY: This material is stable.

INCOMPATIBILITY: Avoid contact with strong oxidizers, alkalies and acids.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide, and other organic compounds in case of combustion.

CONDITIONS TO AVOID: Avoid excessive freezing and heat.

HAZARDOUS POLYMERISATION: None.

SECTION XI: TOXICOLOGICAL INFORMATION

Effects of Short-Term (Acute) Exposure

EYE IRRITATION

Irritating, will injure eye tissue.

SKIN IRRITATION

Mildly irritating to skin with prolonged exposure.

INGESTION

Minimally toxic.

INHALATION

Vapours can be irritating to nose, throat and lungs.

Effects of Long-Term (Chronic) Exposure

CARCINOGENICITY

This material has not been identified as a carcinogen by NTP, IARC or OSHA.

SENSITIZATION

No information available.

SECTION XII: ECOLOGICAL INFORMATION

ENVIRONMENTAL EFFECTS

Do not allow product or runoff from fire control to enter storm or sanitary sewers, lakes, rivers, streams, or public waterways. Block off drains and ditches. Provincial and federal regulations may require that environmental and/or other agencies be notified of a spill incident. Spill area must be cleaned and restored to original condition or to the satisfaction of authorities. May be harmful to aquatic life.

SECTION XIII: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Consult local, state, provincial or territory authorities to know disposal methods.

SECTION XIV: TRANSPORT INFORMATION

This product is not regulated by DOT and TDG.

SECTION XV: REGULATORY INFORMATION

DSL: All constituents of this product are included in the Domestic Substances List (DSL – Canada)

TSCA: All constituents of this product are included in the Toxic Substances Control Act Inventory (TSCA – USA).

Prop. 65: This product does not contain chemicals known to the State of California to cause cancer or reproductive toxicity.

SECTION XVI: OTHER INFORMATION

GLOSSARY

| | |
|---|---|
| ASTM: | American Society for Testing and Materials (United States) |
| CAS: | Chemical Abstract Services |
| CSA: | Canadian Standardization Association |
| DOT: | Department of Transportation (United States) |
| EPA: | Environmental Protection Agency (United States) |
| GHS | Globally Harmonized System |
| IARC: | International Agency for Research on Cancer |
| LD₅₀/LC₅₀: | Less high lethal dose and lethal concentration published |
| NIOSH: | National Institute for Occupational Safety and Health (United States) |
| NTP: | National Toxicology Program (United States) |
| OSHA: | Occupational Safety & Health Administration (United States) |
| RCRA: | Resource Conservation and Recovery Act (United States) |
| TDG: | Transportation of Dangerous Goods (Canada) |
| TLV-TWA: | Threshold Limit Value – Time-Weighted Average |

Code of SDS:

CA U DRU SS FS 211

For more information:

1 800 567-1492

The Safety Data Sheets of SOPREMA Canada are available on Internet at the following site: www.soprema.ca

Justification of the update:

- New product.

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